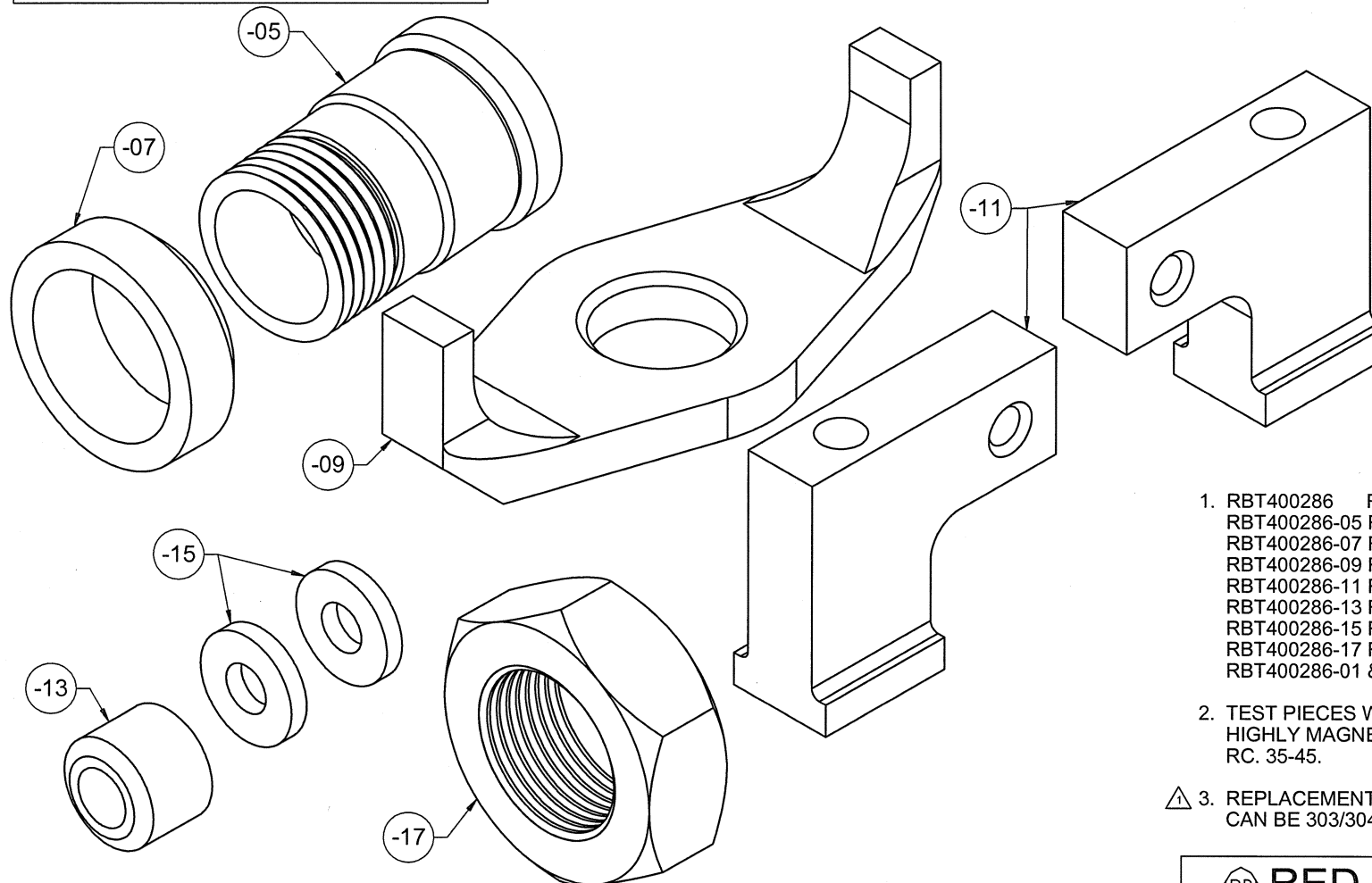


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
-	--	-	-	-
B	UPDATED ITEM -17 B/O INFORMATION OR SPECIFICATIONS COLUMN	03/05/19	MBB	WJP

ECN 19-623



NOTES

- RBT400286 REPLACES 206-210-100-103
RBT400286-05 REPLACES 206-210-100-105
RBT400286-07 REPLACES 206-210-100-107
RBT400286-09 REPLACES 206-210-100-109
RBT400286-11 REPLACES 206-210-100-111
RBT400286-13 REPLACES 206-210-100-113
RBT400286-15 REPLACES 206-210-100-115
RBT400286-17 REPLACES 90-094-10;
RBT400286-01 & 03 No.'s ARE NOT USED.

- TEST PIECES WERE STAINLESS STEEL, HIGHLY MAGNETIC, AND HEAT TREATED RC. 35-45.

- REPLACEMENT MATERIAL FOR 17-4 S.S. CAN BE 303/304 S.S. WITH OUT HEAT TREATING.

RED BARN MACHINE

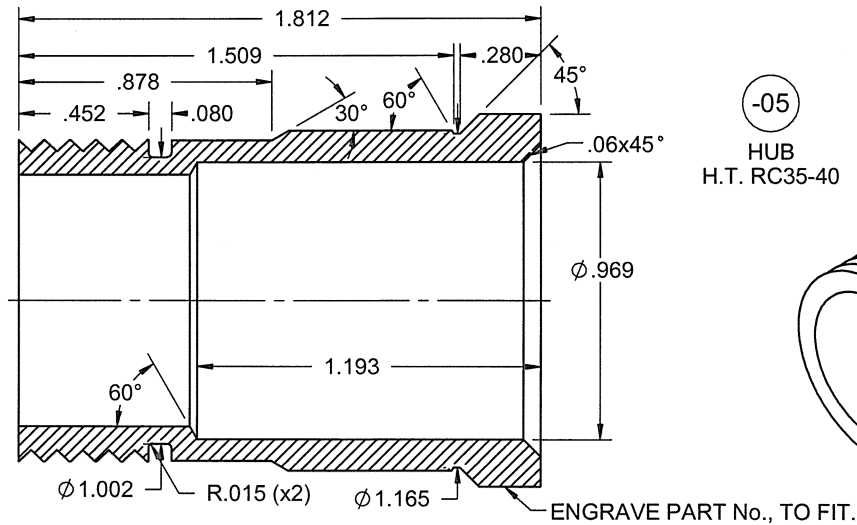
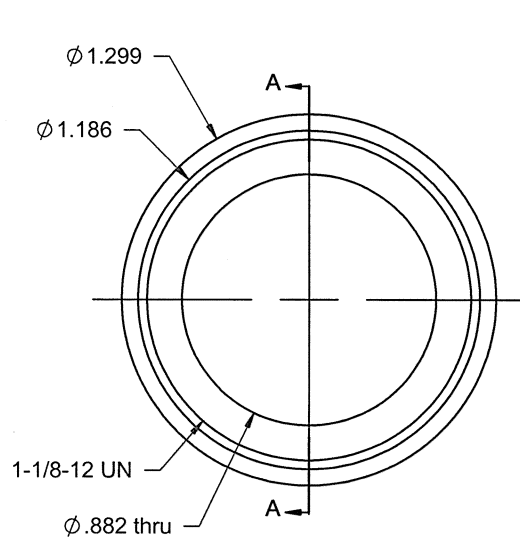
TITLE TAIL ROTOR BALANCE SET

DWG NO.	RBT400286		REV	B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERBITT		
TOLERANCES ON:		APPROVED: WJP		
DECIMALS	METRIC	HEAT TREAT: SEE PART		
.XXX ± .005	X ± .1mm	FINISH SPEC: SEE PART		
.XX ± .01	FRACTIONS ± 1/32	USED ON MODEL: BELL 206		
.X ± .1	ANGLES ± 5°	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE	NTS	DATE	3-2-10	SHEET 1 of 5

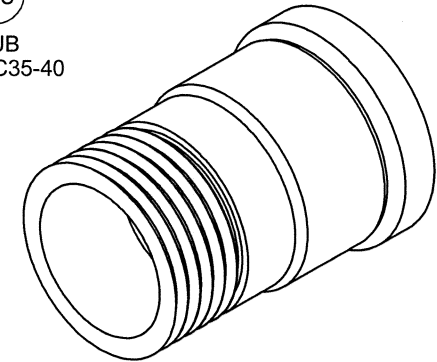
ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-05	1	HUB	17-4 S.S.	Ø 1-3/8 x 2	2
			-07	1	RACE	17-4 S.S.	Ø 1-1/2 x 3/4	2
			-09	1	GUIDE	6061	1-3/8 x 2 x 4-3/8	3
			-11	2	STOP	6061	1 x 1-3/4 x 2-1/4	4
			-13	1	SPACER	17-4 S.S.	Ø 3/4 x 3/4	5
			-15	2	WASHER	17-4 S.S.	Ø 7/8 x 5/16	5
			-17	1	JAM NUT	CAD PLATE STEEL	1-1/8 X 12 UNC (McMaster#93839A858 OR EQUIV.)	1
			-	-	-	-	-	-
ASSY #								

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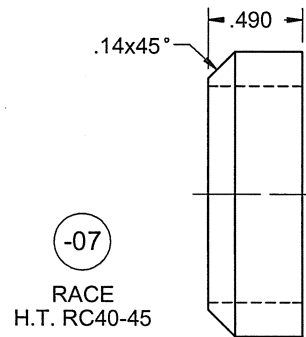
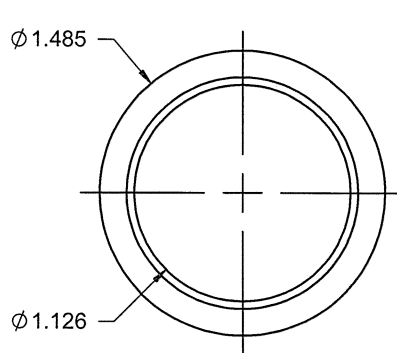
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
-	--	-	-	-



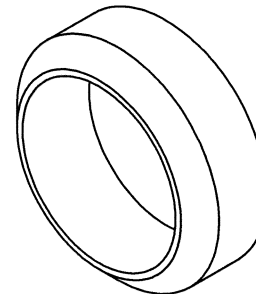
(-05)
HUB
H.T. RC35-40



SECTION A-A



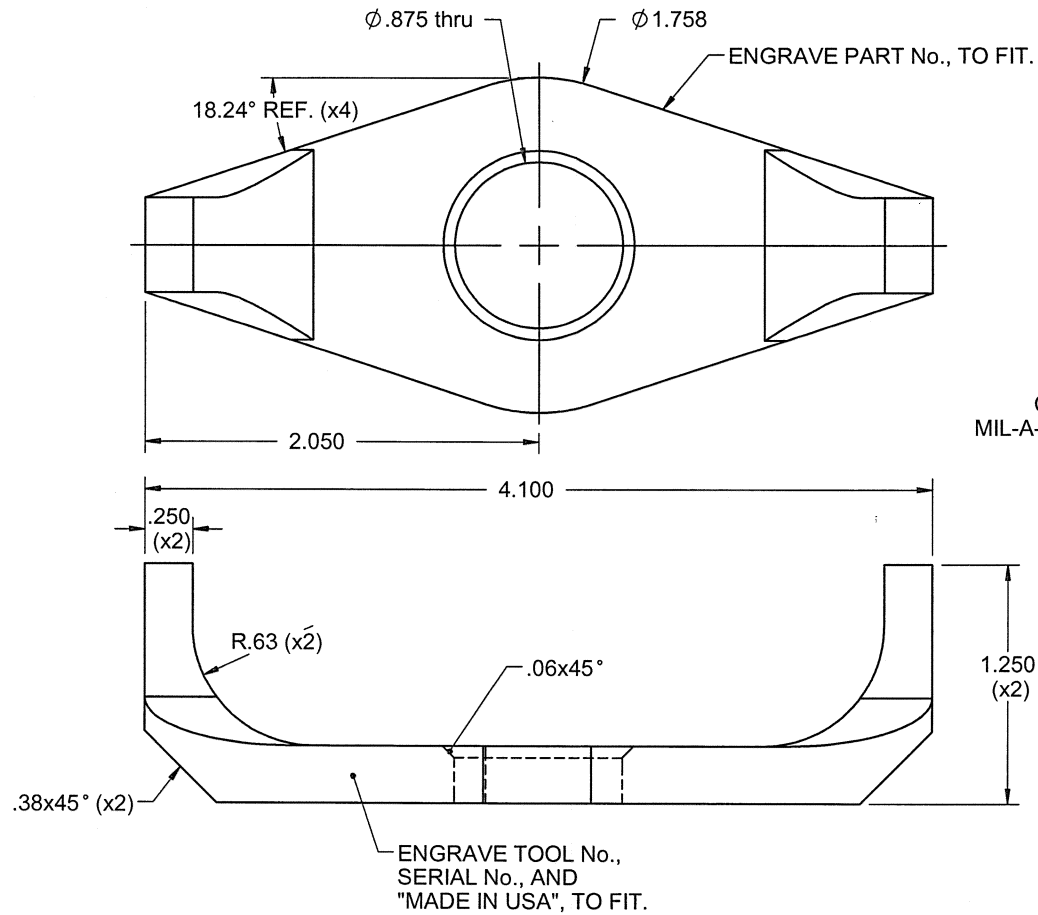
(-07)
RACE
H.T. RC40-45



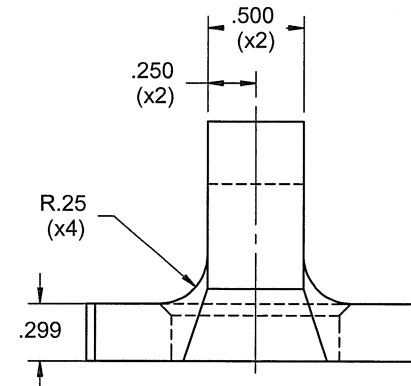
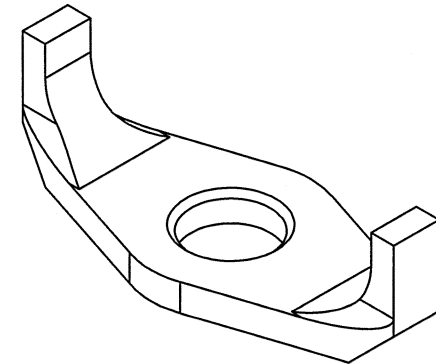
RED BARN MACHINE		TITLE	
		TAIL ROTOR BALANCE SET; HUB AND RACE	
DWG NO.		REV	
RBT400286-05 & 07		B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED:	
DECIMALS	METRIC	HEAT TREAT	
.XXX ± .005	.X ± .1mm	SEE PART	
.XX ± .01	FRACTIONS ± 1/32	FINISH SPEC	
.X ± .1	ANGLES ± 5°	USED ON MODEL	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BELL 206	
SCALE	DATE	SHEET	2 of 5
NTS	3-2-10		

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
-	--	-	-	-



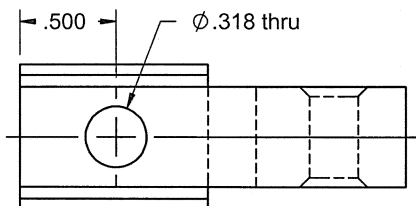
(-09)
GUIDE
CLEAR ANODIZE
MIL-A-8625, TYPE I, CLASS I



RED BARN MACHINE		TITLE	
		TAIL ROTOR BALANCE SET; GUIDE	
DWG NO.		REV	
RBT400286-09		B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED:	
DECIMALS		HEAT TREAT	
.XXX \pm .005		SEE PART	
.XX \pm .01		FINISH SPEC	
.X \pm .1		SEE PART	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
		BELL 206	
SCALE	NTS	DATE	3-2-10
		SHEET	3 of 5

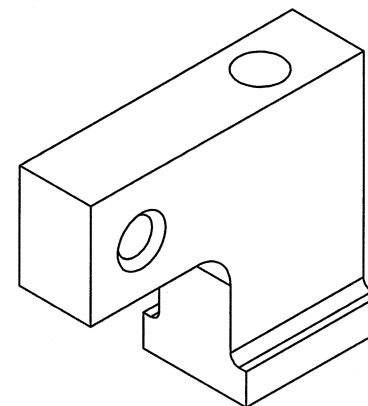
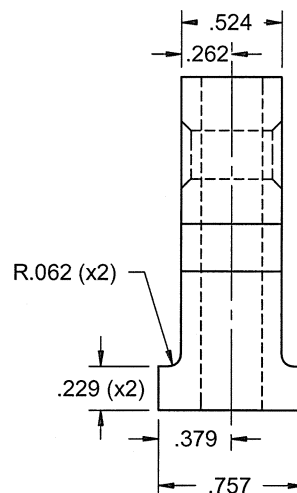
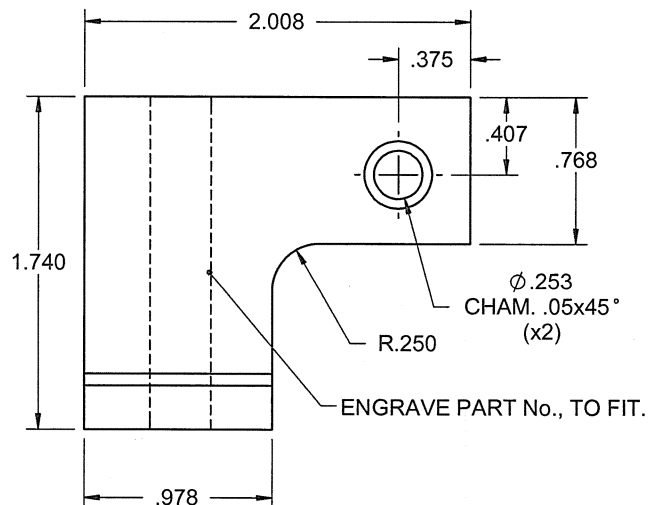
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REVISIONS				
REV	DESCRIPTION			DATE
-	--			-



-11

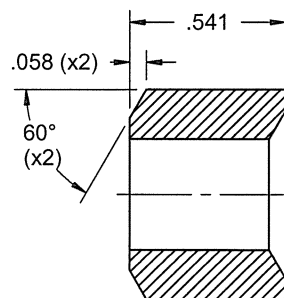
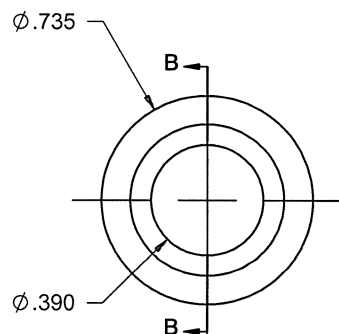
STOP
CLEAR ANODIZE
MIL-A-8625,
TYPE I, CLASS I



 RED BARN MACHINE		TITLE	
		TAIL ROTOR BALANCE SET; STOP	
DWG NO.		REV	
RBT400286-11		B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED: 	
DECIMALS .XXX ± .005		HEAT TREAT SEE PART	
METRIC .X ± .1mm		FINISH SPEC SEE PART	
.XX ± .01		USED ON MODEL	
.X ± .1		BELL 206	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE NTS	
DATE 3-2-10		SHEET 4 of 5	

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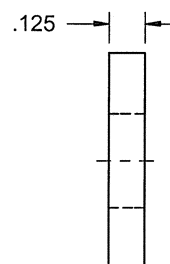
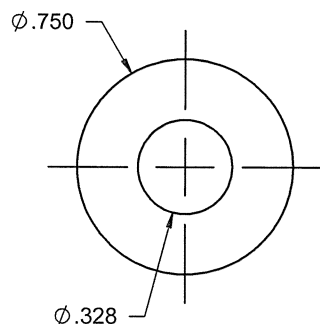
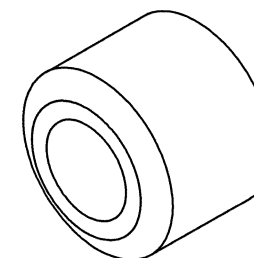
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
-	--	-	-	-



SECTION B-B

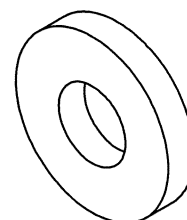
-13

SPACER
H.T. RC. 40-45
BEAD BLAST



-15

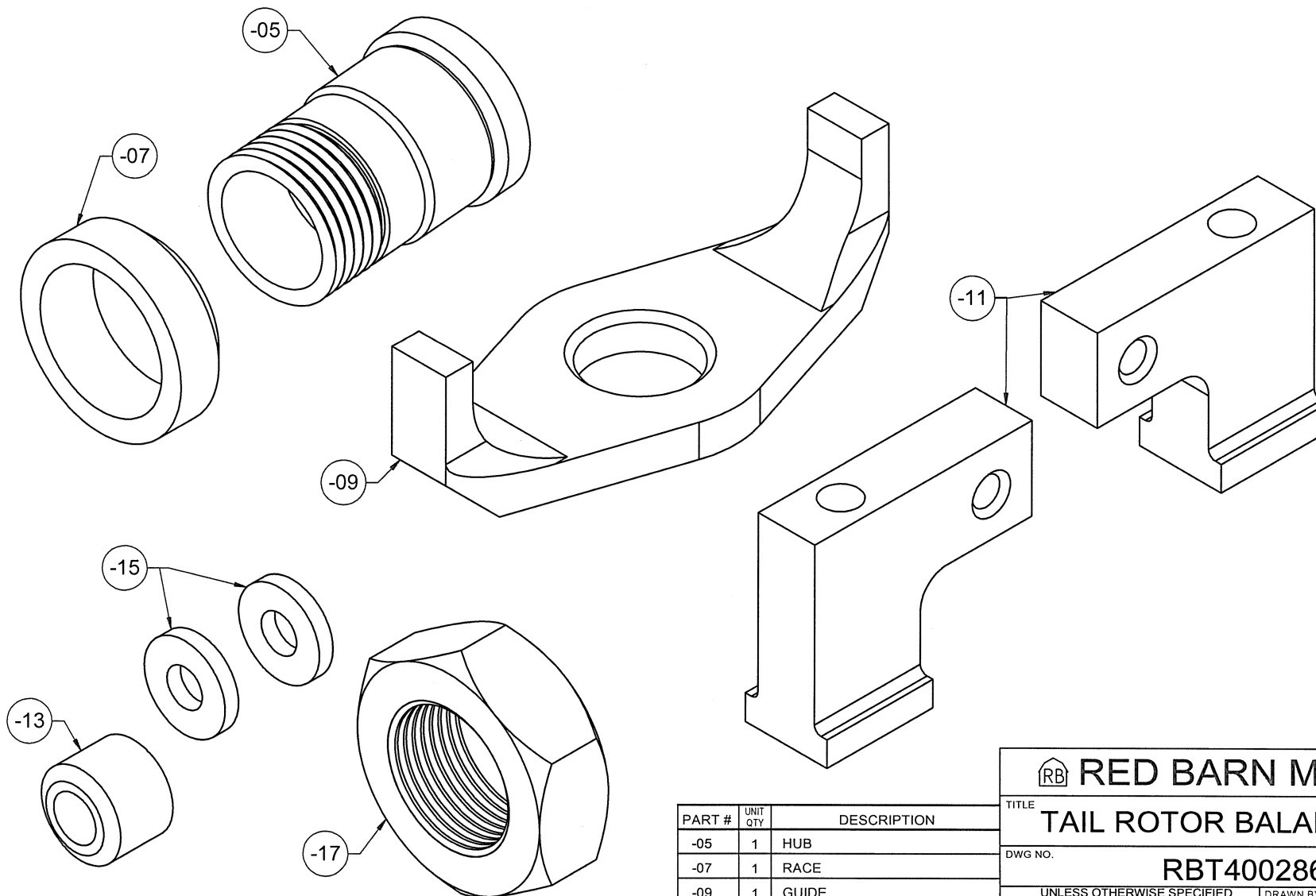
WASHER
H.T. RC. 35-40




 RED BARN MACHINE	
TITLE TAIL ROTOR BALANCE SET; SPACER & WASHER	
DWG NO. RBT400286-13 & 15	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: PERRITT
TOLERANCES ON:	APPROVED 
DECIMALS .XXX ± .005	HEAT TREAT SEE PART
.XX ± .01	FINISH SPEC SEE PART
.X ± .1	USED ON MODEL BELL 206
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-2-10 SHEET 5 of 5

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
-	--	-	-



PART #	UNIT QTY	DESCRIPTION
-05	1	HUB
-07	1	RACE
-09	1	GUIDE
-11	2	STOP
-13	1	SPACER
-15	2	WASHER
-17	1	JAM NUT
-	-	-

 RED BARN MACHINE		TITLE	
		TAIL ROTOR BALANCE SET	
DWG NO.		REV	
RBT400286		B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 ANGLES ± 5° UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: PERRITT APPROVED: [Signature] HEAT TREAT: SEE PART FINISH SPEC: SEE PART USED ON MODEL: BELL 206	
SCALE	DATE	SHEET	
NTS	3-2-10	1 of 1	